Searching PAJ Page 1 of 2

# PATENT ABSTRACTS OF JAPAN

(11) Publication number : 2002-080447

(43) Date of publication of application: 19.03.2002

(51)Int.Cl. C07C271/64
A01N 47/12

A61K 31/14 A61K 31/785 A61P 31/04

C07C269/02 C08F 20/34 C09K 3/16

(21)Application number: 2000-263216 (71)Applicant: TOKUSHIMA PREFECTURE

CHIIKI SANGYO GIJUTSU KAIHATSU KENKYU KIKO

(22)Date of filing: 31.08.2000 (72)Inventor: KOMA HIROKI

SATO TSUNEYUKI KABAYAMA MINEAKI TAKECHI HIRONORI TSUMURA TADASHI NONOMURA TOSHIO

KORI TOSHIYA SENOO MAKIKO FUKUI TOMOYA MAEDA TAKUYA KENKI JUNICHI

# (54) QUATERNARY AMMONIUM SALT COMPOUND, METHOD FOR PRODUCING THE SAME AND APPLICATION THEREOF

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a compound having antimicrobial effect and antistaticity, particularly a compound capable of imparting polymeric materials with surface properties such as antimicrobial effect and antistaticity.

SOLUTION: This compound is a quaternary ammonium \*\*- γ - καιμ -

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salt compound of the general formula (1) [wherein, R1 and R2 are each a 1-3C alkyl; R3 is a (substituted) 6-18C alkyl; R4, R5 and R6 are each H or a 1-3C alkyl; X is an organic or inorganic acid residue; h, i and k are each an integer of 0-17; j is 0 or 1; h, i, j and k total ≤17; I is an integer of 0-18; and m is 0 or 1]. The 2nd objective method for producing the compound and the other objective application of the compound are provided respectively.

### (19) **日本国特許庁(JP)**

## 再公表特許(A1)

(11) 国際公開番号

WO2002/080447

発行日 平成16年7月22日 (2004.7.22)

(43) 国際公開日 平成14年10月10日(2002.10.10)

(51) Int.C1.		FI		
H <b>04</b> L	9/08	HO4L	9/00	601C
H <b>04</b> L	9/32	HO4L	9/00	675B
		HO4L	9/00	601F

#### 審査請求 未請求 予備審査請求 未請求 (全 43 頁)

特願2002-577332 (P2002-577332) PCT/JP2002/002957 平成14年3月27日 (2002.3.27) 特願2001-94808 (P2001-94808) 平成13年3月29日 (2001.3.29) 日本国 (JP)	(71) 出願人 (74) 代理人 (72) 発明者	000002185 ソニー株式会社 東京都品川区北品川6丁目7番35号 100082131 弁理士 稲本 義雄 石黒 隆二
EP (AT, BE, CH, CY, DE, DK, ES, F1, FR, L, PT, SE, TR), CN, JP, KR, US		東京都品川区北品川6丁目7番35号 ソニー株式会社内
	PCT/JP2002/002957 平成14年3月27日 (2002.3.27) 特願2001-94808 (P2001-94808) 平成13年3月29日 (2001.3.29) 日本国 (JP)	PCT/JP2002/002957 平成14年3月27日 (2002.3.27) 特願2001-94808 (P2001-94808) 平成13年3月29日 (2001.3.29) 日本国 (JP) EP (AT, BE, CH, CY, DE, DK, ES, FI, FR,

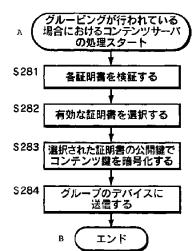
#### (54) 【発明の名称】情報処理装置

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A...CONTENT SERVER START WHEN GROUPING IS PERFORMED

\$281...VERIFY CERTIFICATE

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PUBLIC KEY OF SELECTED CERTIFICATE

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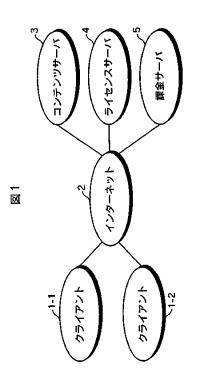
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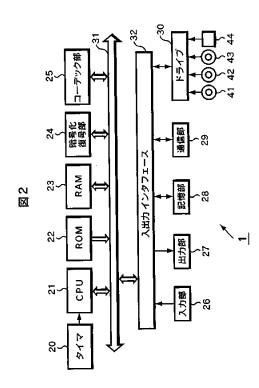
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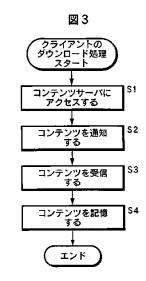
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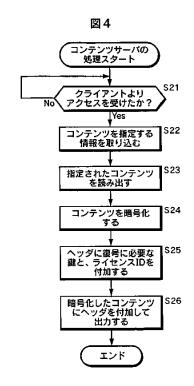
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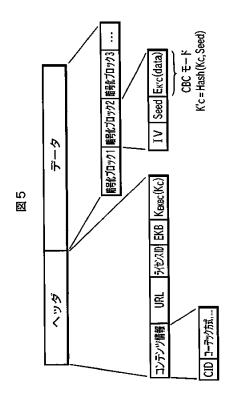
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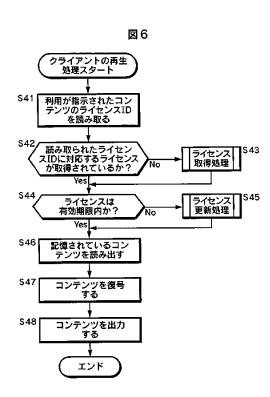


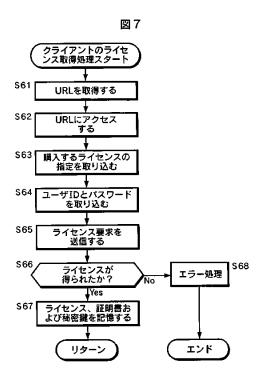


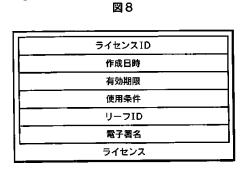


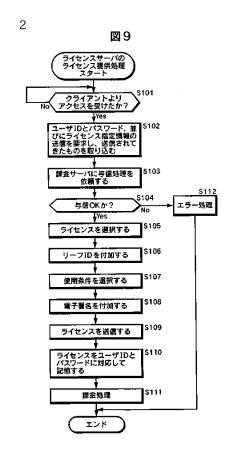


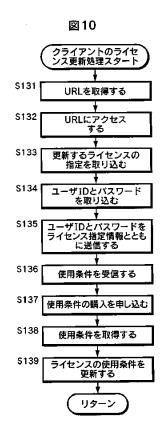


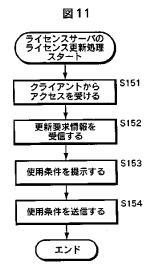


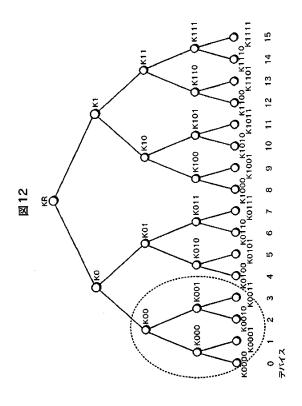


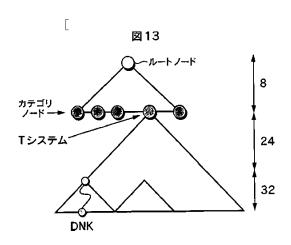












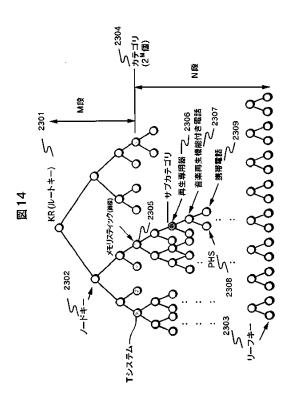
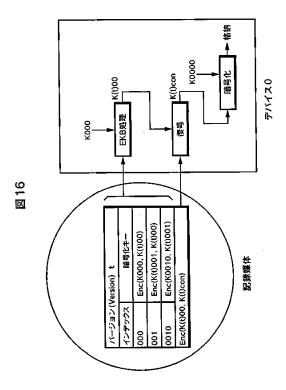


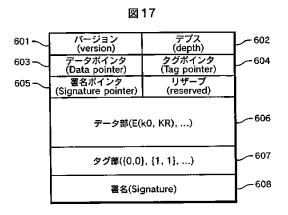
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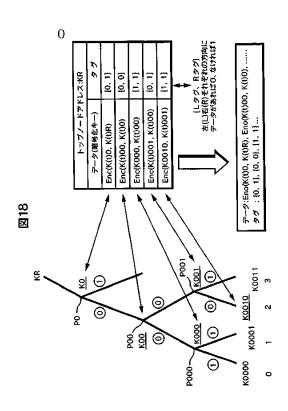
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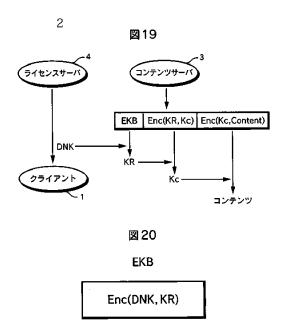
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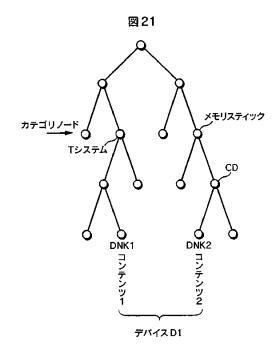
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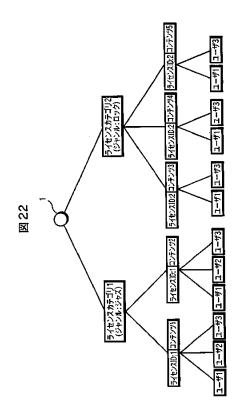


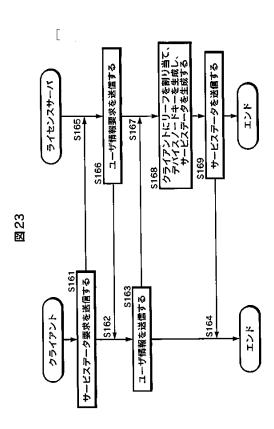


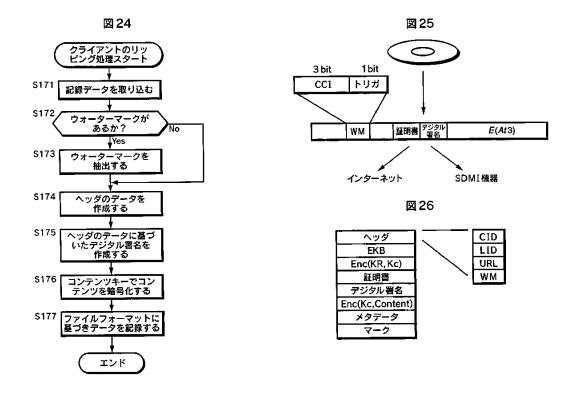


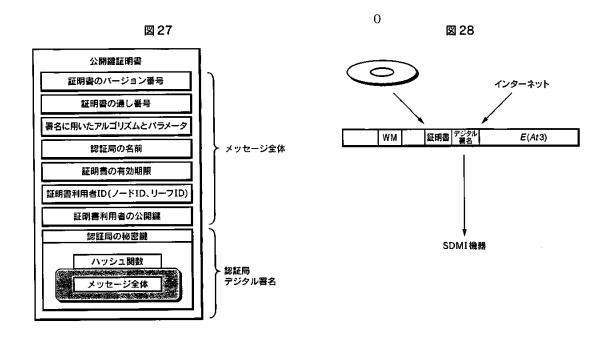


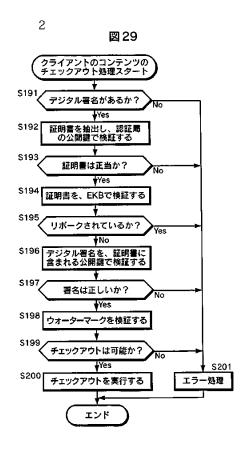


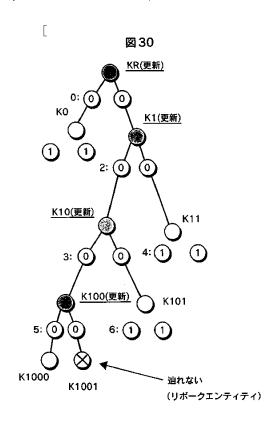












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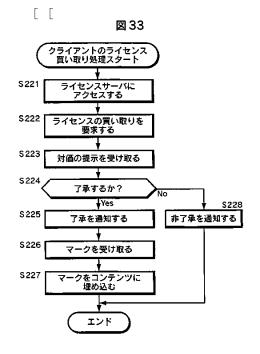
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メッセージ

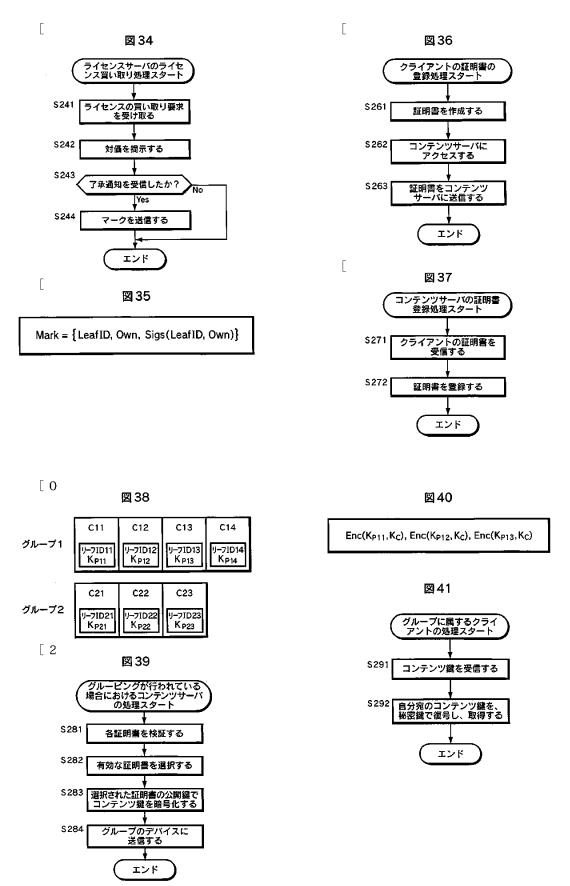
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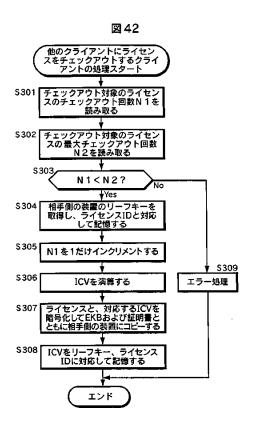
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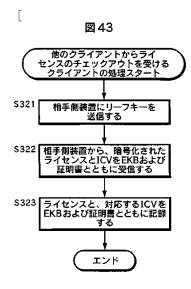
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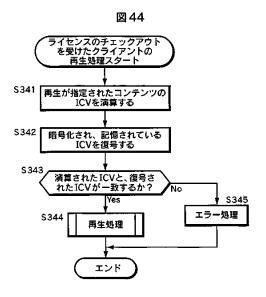












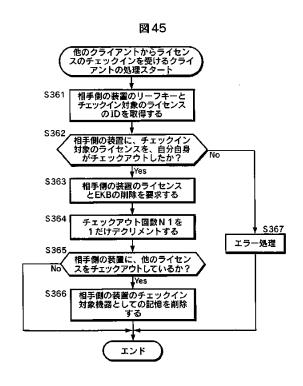
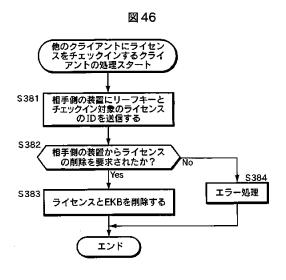
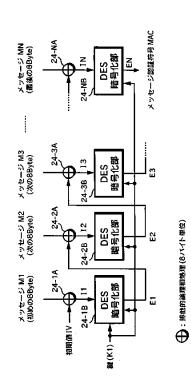
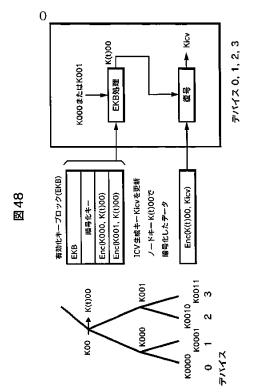
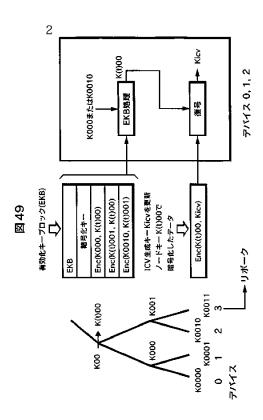


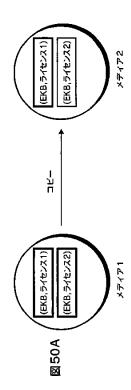
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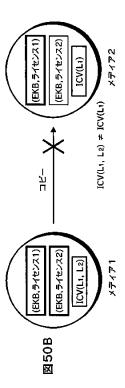


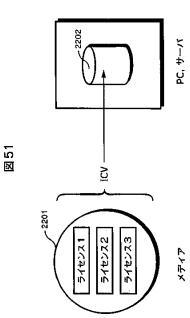












	INTERNATIONAL SEARCH REPO	RT	International appli	cation No.
			PCT/JP	02/02957
A. CLAS	SIFICATION OF SUBJECT MATTER			
	Cl H04L9/08, G06F17/60			
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	o International Patent Classification (IPC) or to both n	ational classification at	nd IPC	
	S SEARCHED			
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C. DOCU	MENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the releva	ant passages	Relevant to claim No.
X	JP 11-346210 A (Nippon Teleg	rranh And Tel	enhone	1-6
"	Corp.),	Lupi Ina Ioi	op.rono	
1	14 December, 1999 (14.12.99)	•		
	Par. Nos. [0001] to [0062]			
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r Sueh	er documents are listed in the continuation of Box C.	See patent fam		
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"A" docum	l categories of cited documents: ent defining the general state of the art which is not	priority date and	not in conflict with th	mational filing date or e application but cited to
considered to be of particular relevance "E" earlier document but published on or after the international filling		"X" document of par	riaciple or theory and ticular relevance: the	erlying the invention raimed invention cannot be
date  "L" document which may throw doubts on priority claim(s) or which is		considered nove		red to involve an inventive
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nears combination being obvious to a person skilled in the set obvious to a person skilled in th				
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04 J	uly, 2002 (04.07.02)	23 July,	2002 (23.0	7.02}
Name and mailing address of the ISA/		Authorized officer	-	
Japanese Patent Office				
Facsimile No.		Тејернопе №.		

Form PCT/ISA/210 (second sheet) (July 1998)

国際製査報告	国際出願番号 PCT/JP02/02957	
A. 発明の属する分野の分類(国際特許分類(IPC))		
Int. Cl H04L9/08, G06F17/6	3.0	
B. 調査を行った分野 調査を行った最小順資料(国際特許分類(IPC))		
Int. Cl' H04L9/08, G06F17/6		
最小興資料以外の資料で調査を行った分野に含まれるもの 日本国実用新業公報 1922-1996年 日本国公開采用新業公報 1971-2002年 日本国至最実用新業公報 1994-2002年 日本国実用新業登録公報 1996-2002年		
国際調査で使用した電子データベース (データベースの名称、	調査に使用した用語)	
C. 関連すると認められる文献		
引用文献の カテゴリー* 引用文献名 及び一部の箇所が関連すると	関連する は、その関連する箇所の表示	
X JP 11-346210 A (日本電信電話株式会 1999. 12. 14, 第1-62設落 (7ポリなし		
C欄の続きにも文献が列挙されている。	□ パテントファミリーに関する別紙を参照。	
* 引用文献のカテゴリー 「「」、特に関連のある文献ではなく、一般的技術水準を示す もの 「E」国際出願目前の出版または特許であるが、国際出版日 以後に公表されたもの 「L」優先権主張に凝集を提起する文献又は他の文献の発行 日若しくは他の特別小理由を確立するために引用する 文献、関連を行す) 「O」 口順による陽示、使用、展示等に言及する文献 「P」 国際出願日前で、かつ優先権の主張の基礎となる出版 「B」 国際調査を完了した日  0 4 0 7 0 2		
国際開査機関の名称及びあて先   日本国特許庁 (ISA/JP)   郵便番号 IO 0 - 8 9 1 5	特許庁審査官(権限のある職員) 5M 9364 中里 裕正	
東京都千代田区武が期三丁目4番3号	電話器長 03-3581-1101 内線 3597	

東京都十代田区西が胸ニ1日4番3方 障部 様式PCT/ISA/210 (第2ページ) (1998年7月)

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